

# GIS REGISTRY INFORMATION

<b>SITE NAME:</b>	US Coast Guard Facility (Former)			<b>FID #</b>	
<b>BRRTS #:</b>	03-41-198284			<b>(if appropriate):</b>	
<b>COMMERCE #</b> (if appropriate):	53202-9999-50				
<b>CLOSURE DATE:</b>	May 23, 2003				
<b>STREET ADDRESS:</b>	1550 N Lincoln Memorial Dr				
<b>CITY:</b>	Milwaukee				
<b>SOURCE PROPERTY GPS COORDINATES</b> (meters in WTM91 projection):	<b>X =</b>	692031	<b>Y =</b>	288690	
<b>CONTAMINATED MEDIA:</b>	Groundwater	<input type="checkbox"/>	Soil	<input type="checkbox"/>	Both <input checked="" type="checkbox"/>
<b>OFF-SOURCE GW CONTAMINATION &gt;ES:</b>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
• <b>IF YES, STREET ADDRESS:</b>					
• <b>GPS COORDINATES</b> (meters in WTM91 projection):	<b>X =</b>		<b>Y =</b>		
<b>OFF-SOURCE SOIL CONTAMINATION</b> >Generic or Site-Specific RCL (SSRCL):	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
• <b>IF YES, STREET ADDRESS 1:</b>					
• <b>GPS COORDINATES</b> (meters in WTM91 projection):	<b>X =</b>		<b>Y =</b>		
<b>CONTAMINATION IN RIGHT OF WAY:</b>	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>	
<b><u>DOCUMENTS NEEDED</u></b>					
Closure Letter, and any conditional closure letter issued					<b>X</b>
Copy of most recent deed, including legal description, for all affected properties					<b>X</b>
Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties					<b>X</b>
County Parcel ID number, if used for county, for all affected properties					<b>X</b>
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.					<b>X</b>
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.					<b>X</b>
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)					<b>X</b>
Tables of Latest Soil Analytical Results (no shading or cross-hatching)					<b>X</b>
Isoconcentration map(s), if required for site investigation (SI) (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. If not available, include the latest extent of contaminant plume map.					<b>X</b>
GW: Table of water level elevations, with sampling dates, and free product noted if present					<b>X</b>
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)					<b>X</b>
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour					<b>X</b>
Geologic cross-sections, if required for SI. (8.5x14" if paper copy)					<b>X</b>
RP certified statement that legal descriptions are complete and accurate					<b>X</b>
Copies of off-source notification letters (if applicable)					<b>X</b>
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)					<b>X</b>
Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure					<b>X</b>



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
BUREAU OF PECFA  
101 West Pleasant Street, Suite 100A  
Milwaukee, Wisconsin 53212-3963  
TDD #: (608) 264-8777  
Fax #: (414) 220-5374  
<http://www.commerce.state.wi.us>  
<http://www.wisconsin.gov>  
**Jim Doyle, Governor**  
**Cory L. Nettles, Secretary**

May 23, 2003

Ms. Laura Johnson  
Milwaukee County Department of Public Works  
Environmental Services Division  
2711 West Wells Street  
Milwaukee, WI 53208

RE: **Final Closure**

**Commerce # 53202-9999-50**      **WDNR BRRTS # 03-41-198284**  
US Coast Guard Facility (Former), 1550 N. Lincoln Memorial Dr., Milwaukee

Dear Ms. Johnson:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If applicable, the PECFA claim for this site would also be reopened and you may apply for assistance to the extent of remaining eligibility.

Thank you for your efforts to bring this case to closure. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5376.

Sincerely,

A handwritten signature in dark ink, appearing to read 'L. Michalets', written over a horizontal line.

Linda M. Michalets  
Hydrogeologist  
Site Review Section

cc: Mr. Steven Henkel, MSA Professional Services, Inc.  
Case File



ENVIRONMENTAL & REGULATORY SERVICES DIVISION  
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**Jim Doyle, Governor**  
**Cory L. Nettles, Secretary**

April 8, 2003

Ms. Laura Johnson  
Milwaukee County Department of Public Works  
2711 West Wells Street  
Milwaukee, WI 53208

RE: **Conditional Case Closure**

**Commerce # 53202-9999-50**      **WDNR BRRTS # 03-41-198284**  
U.S. Coast Guard Facility (former), 1550 North Lincoln Memorial Drive, Milwaukee

Former leaded gasoline and fuel oil underground storage tanks (USTs)

Dear Ms. Johnson:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, MSA Professional Services, Inc. (MSA), for the site referenced above. It is understood that residual soil and groundwater contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action of the petroleum releases is necessary.

**The following condition must be satisfied to obtain final closure:**

- The temporary monitoring wells must be properly abandoned and the appropriate documentation forwarded to me at the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

**Metals issue:**

Commerce concurs with MSA's conclusion that fill material is the likely source of metals in this area, which the leaded gasoline UST may have contributed to in some part. (The fill material may also have contributed to the polynuclear aromatic hydrocarbon concentrations that were detected.) In the closure request received March 21, 2003, MSA stated that, "WDNR and Milwaukee County have an agreement regarding the general contamination of the fill materials near the lakeshore. Under this agreement, Milwaukee County is obligated, over time and when appropriate, to mitigate potential detrimental impacts of the fill material on public health and the environment. In this instance, Milwaukee County intends to submit a site development plan to WDNR for review and approval."

Ms. Laura Johnson

Commerce # 53202-9999-50

WDNR BRRS # 03-41-198284

U.S. Coast Guard Facility (former), 1550 North Lincoln Memorial Drive, Milwaukee


April 8, 2003

Page 2

Commerce is forwarding a copy of this letter, MSA's closure request and a duplicate copy of MSA's *Limited Site Investigation Report*, (September 2000) to the WDNR for their record concerning the fill material.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 220-5376.

Sincerely,



Linda M. Michalets  
Hydrogeologist  
Site Review Section

cc: MSA Professional Services, Inc.  
Ms. Pam Mylotta, WDNR  
Case File

6073201

REGISTER'S OFFICE  
Milwaukee County, WI  
RECORDED AT 3:30 PM

JUN 18 1997

Contract No. GS-01-D-87-CA-C-0124

2109 2254 to  
2261  
REEL IMAGE  
REGISTER  
OF DEEDS

QUITCLAIM DEED

The Grantor, the UNITED STATES OF AMERICA, acting by and through the Administrator of General Services, under and pursuant to the powers and authority contained in the Federal Property and Administrative Services Act of 1949, 63 Stat. 377, as amended, and the regulations and orders promulgated thereunder, for and in consideration of the payment of TWO HUNDRED THOUSAND DOLLARS (\$200,000.00), the receipt of which is hereby acknowledged, has given, granted, bargained, sold, remised, released and quitclaimed, and by these presents does give, grant, bargain, sell, remise, and quitclaim without representation or warranty, express or implied, unto MILWAUKEE COUNTY, political subdivision of the State of Wisconsin, whose address is County Courthouse, 901 North Ninth Street, Milwaukee, Wisconsin 53233, Grantee, its successors and assigns, the real estate commonly known as the Old Coast Guard Station, McKinley Park, Milwaukee, Wisconsin, designated GSA Disposal No. 5-GR-WI-505, and more particularly described as follows:

FEE  
# 77.25 (2)  
EXEMPT

That part of the Southwest One-quarter (S.W. 1/4) of Section Twenty-Two (22), Township Seven (7) North, Range Twenty-Two (22) East, in the First Ward of the City of Milwaukee, bounded and described as follows: Beginning at a point on the westerly line of the Quarter Section aforesaid, 603.51 feet south of the northwest corner of the Quarter Section; thence North 45° 9' East 250 feet; thence South 44° 51' East 200.57 feet to the present dock line of the harbor; thence along said dock line South 45° 9' West 250 feet; thence North 44° 51' West 200.57 feet to the point of beginning, containing 1.15 acres, more or less.

RECORD	13.00
SUBTOTAL	13.00
TOTAL	13.00
CHARGE	13.00

SUBJECT TO any and all existing reservations, easements, and rights, recorded or unrecorded, for public highways, roads, railroads, pipelines, drainage, and public utilities.

By acceptance of this conveyance, in order to protect either the possible architectural or historical significance of the property or both, the Grantee covenants for itself, and its successors and assigns, and every successor in interest to the property hereof conveyed, or any part thereof, as follows:

a. The Grantee, its successors and assigns will undertake any rehabilitation work on and will maintain the Old Coast Guard Station, Milwaukee, Wisconsin in accordance with the Secretary of Interior's "Standards of Rehabilitation."

b. No alterations or physical or structural changes shall be made to the architecturally significant interior and/or exterior features of the Old Coast Guard Station, nor any changes in the surfacing of the exterior of the structure be made without prior consultation with and approval of the State Historical Preservation Office of Wisconsin. Ordinary and necessary repairs and maintenance not materially affecting such features shall not be considered alterations. This covenant shall be construed to preserve and protect the qualities which may cause this structure to be considered eligible for inclusion to the National Register of Historic Places.

c. The above covenants shall be binding on the Grantee, its successors and assigns in perpetuity. The State Historic Preservation Officer of Wisconsin may for good cause modify or cancel all of the foregoing covenants upon written application of the Grantee, its successors or assigns. Acceptance of delivery of the document that conveys the property comprising the Old Coast Guard Station shall constitute conclusive evidence of the agreement of the Grantee to be bound by these covenants and to perform the obligations herein set forth.

d. The Grantee, and its successors and assigns, hereby agree to nominate the Old Coast Guard Station to the National Register of Historic Places within one year of the date of this conveyance.

The UNITED STATES OF AMERICA shall be deemed a beneficiary of the above covenants without regard to whether it remains the owner of any land or interest therein in the locality of the property hereby conveyed and shall have the right to enforce these covenants in any court of competent jurisdiction.

Furthermore, the Grantee, by the acceptance of this Quitclaim Deed, covenants for itself, its successors and assigns, and every successor in interest to the property hereby conveyed, or any part thereof, that the said Grantee and such successors and assigns shall not discriminate upon the basis of race, color, religion, or national origin in the use, occupancy, sale, or

lease of the property, or in their employment practices conducted thereon. This covenant shall not apply, however, to the lease or rental of a room or rooms within a family dwelling unit; nor shall it apply with respect to religion to premises used primarily for religious purposes. The United States of America shall be deemed a beneficiary of this covenant without regard to whether it remains the owner of any land or interest therein in the locality of the property hereby conveyed and shall have the sole right to enforce this covenant in any court of competent jurisdiction.

The Grantee, in addition, by acceptance of this Deed, agrees to the following "Excess Profits Covenant for Negotiated Sales to Public Bodies," as set forth below and in the Offer to Purchase, executed August 15, 1986, by the Grantee and accepted March 2, 1987, by the Grantor:

If, at any time within the three-year period from the date of this Deed, the Grantee, or its successors and assigns, shall sell or enter into agreements to sell the property hereby conveyed or portions thereof, either in one transaction or in a series of transactions, it is covenanted and agreed that all proceeds received or to be received in excess of the Grantee's or subsequent seller's actual allowable costs will be remitted to the Grantor. In the event of a sale of less than the entire property, actual allowable costs will be apportioned to the property based on a fair and reasonable determination by the Grantor.



For purposes of this covenant, the Grantee's or subsequent seller's deductible costs shall include the purchase price for acquiring this real property and the direct costs actually incurred and paid for physical improvements on the subject property for the following:

- 1) Improvements on the property which serve only that property, including road construction, storm and sanitary sewer construction, other public facilities or utility construction, building rehabilitation and demolition, landscaping, grading, and other site or public improvements; and
- 2) Design and engineering services with respect to the improvements described in 1) above, provided, however, that none of these costs will be deductible if defrayed by Federal grants or if used as matching funds to secure Federal grants.

In order to verify compliance with the terms and conditions of this covenant, the Grantee, or its successors or assigns, shall submit an annual report for each of the subsequent 3 years to the Grantor on the anniversary date of the Deed. Each report will identify the property involved in the transaction, indicate the sale price of any property resold, the purchaser and the proposed land use, and enumerate any allowable costs incurred for physical improvements on the property that would offset any profit

realized. If no resale has been made, the report shall so state. Failure to file timely reports will extend the operation of the covenant for an additional one-year period for each late or omitted report. The Grantor may monitor the property involved and inspect records related thereto to ensure compliance with the terms and conditions of this covenant and may take any actions which it deems reasonable and prudent to recover any excess profits realized through the resale of the property.

TO HAVE AND TO HOLD the aforescribed premises, together with all and singular the appurtenances and privileges thereunto belonging or in anywise appertaining, for all the estate, right, title, possession, interest and claim whatsoever of the Grantor, either in law or equity, to the only proper use, benefit and behoof of the Grantee, its successors and assigns forever.

Said property was duly declared surplus and assigned to the Administrator of General Services for disposal pursuant to the powers and authority contained in the above-cited Property Act and applicable orders and regulations issued thereunder.

IN WITNESS WHEREOF, the UNITED STATES OF AMERICA, acting by and through the Administrator of General Services, has caused these presents to be duly executed for and in its name and



CERTIFICATE

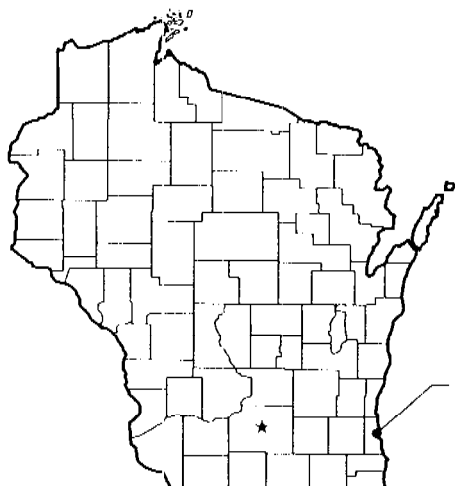
I, Kenneth L. Allen, Certifying Attorney,  
General Services Administration, Boston, Massachusetts, do hereby  
certify that authority for conducting the business of the Chicago  
Real Estate Field Office, General Services Administration, has  
been delegated to the Regional Administrator, Region 1, by the  
Administrator of General Services pursuant to the authority  
vested in said Administrator by the Federal Property and  
Administrative Services Act of 1949, Public Law 152, 81st  
Congress, approved June 30, 1949 and other applicable laws and  
regulations promulgated thereunder.

I further certify that James A. Peterson, is Acting  
Regional Administrator, General Services Administration, Region  
1, Boston, Massachusetts, effective as of this date.

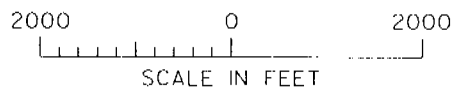
Dated at Boston, Massachusetts, this 11th day of  
June, 1987.

Kenneth L. Allen  
Certifying Attorney  
General Services Administration  
Boston, Massachusetts

210825



PROJECT  
LOCATION



Milwaukee Quadrangle  
Wisconsin - Milwaukee Co.  
7.5 Minute Series (Topographic)

SW/4 Milwaukee 15' Quadrangle  
Contour Interval 10 Feet  
1958  
(Photo Revised 1971)

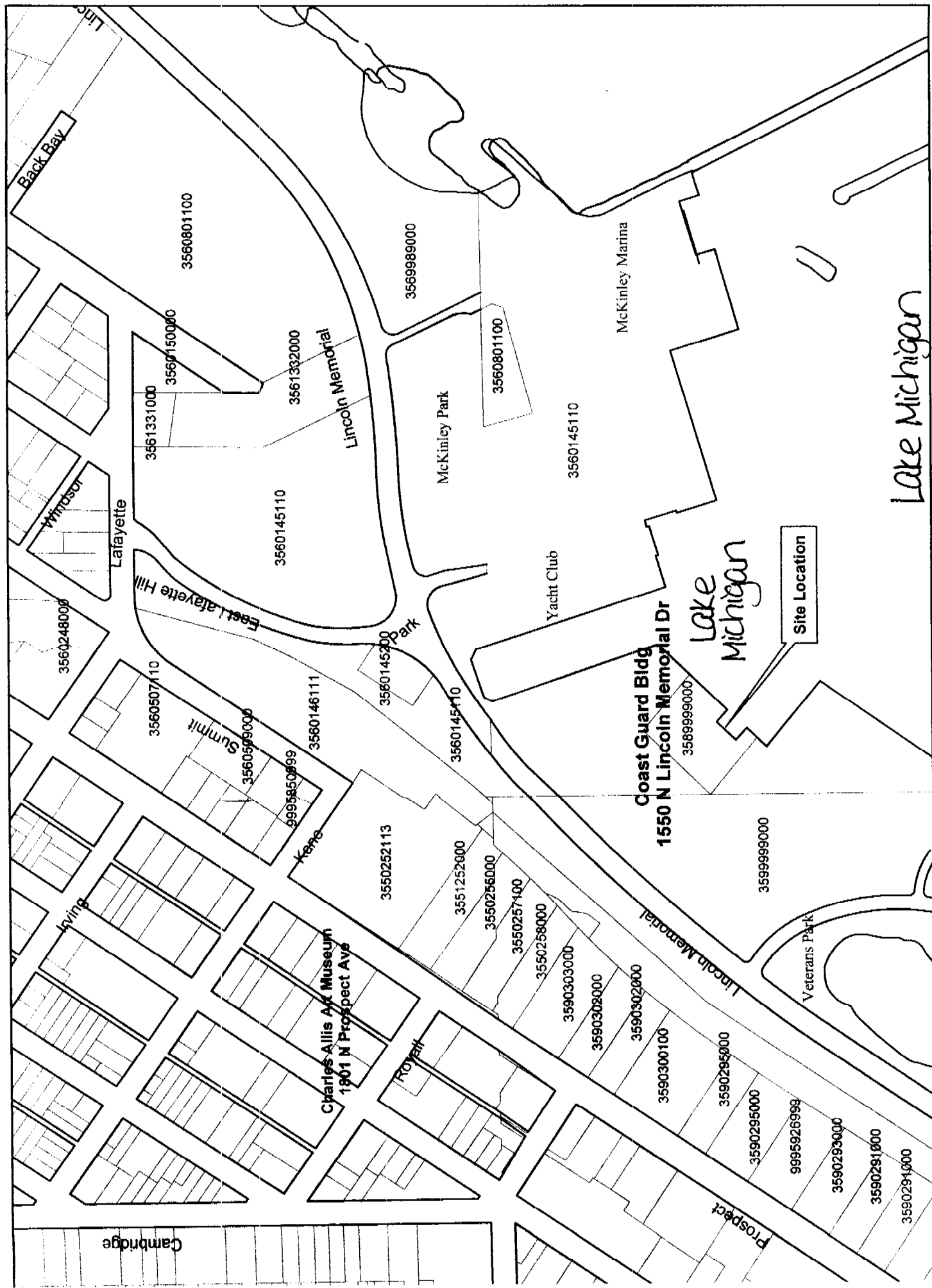
**MSA**

TRANSPORTATION • MUNICIPAL • REMEDIATION  
DEVELOPMENT • ENVIRONMENTAL

1230 South Boulevard Baraboo, WI 53913  
608-356-2771 1-800-362-4506 Fax: 608-356-2770

PROFESSIONAL SERVICES

FIGURE 1  
SITE LOCATION MAP  
FORMER COAST GUARD STATION  
MILWAUKEE, WISCONSIN



**COAST GUARD STATION  
MCKINLEY MARINA**

Milwaukee County DPW  
GIS Section  
December 17, 2002



LEGEND

⊥ POWER POLE

⊕ FIRE HYDRANT

---E--- UNDERGROUND ELECTRIC

---G--- UNDERGROUND GAS LINE

NOTE:

TANK AND EXCAVATION LOCATIONS SUPPLIED BY NORTHERN ENVIRONMENTAL GASOLINE, UST TANK LOCATION LATER DISCOVERED TO BE INACCURATE, AND HAS BEEN MAPPED AT ACTUAL LOCATION.

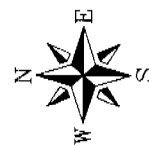


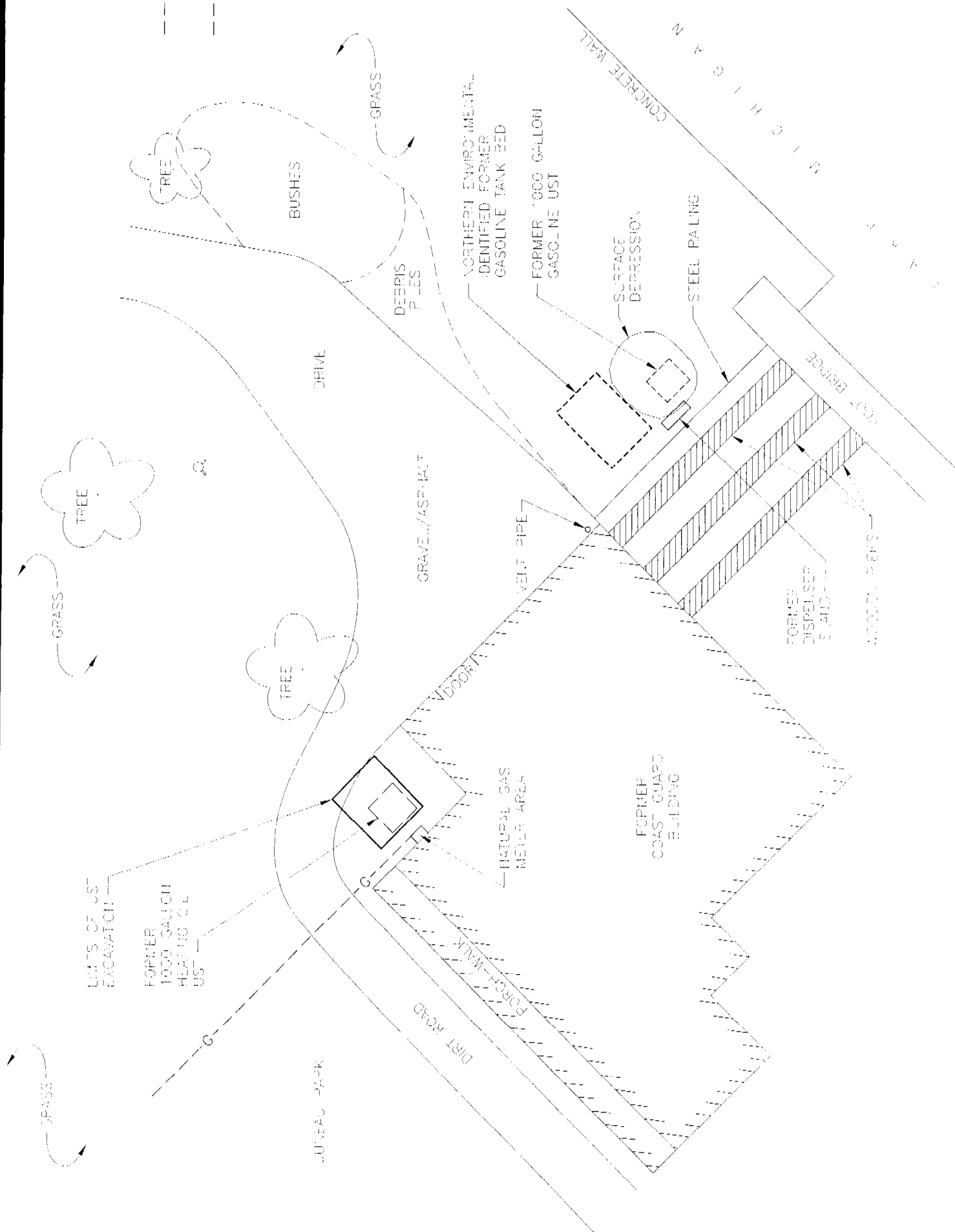
FIGURE 2

SITE LAYOUT MAP

FORMER COAST GUARD STATION  
MILWAUKEE, WISCONSIN



1000 South Boulevard, Suite 200  
Milwaukee, WI 53214  
Phone: (414) 344-1100  
Fax: (414) 344-1101  
E-Mail: msa@msa.com

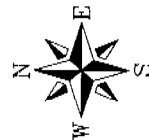


LEGEND

- SECURE BORING (3)
- TW-1 TEMPORARY GROUNDWATER MONITORING WELL (4)
- ▲ TANK REMOVAL SOIL SAMPLE
- ◆ HAND AUGER BORINGS PERFORMED BY MILWAUKEE COUNTY STAFF IN 2002

NOTES:

1. TANK AND EXCAVATION LOCATIONS SUPPLIED BY NORTHERN ENVIRONMENTAL GASOLINE CO. TANK LOCATION LATER DISCOVERED TO BE INACCURATE, AND HAS BEEN MAPPED AT ACTUAL LOCATION.
2. FOR ADDITIONAL NOTES AND LEGEND, REFER TO FIGURE 2.



20 0 20  
SCALE IN FEET

FIGURE 3

SOIL AND GROUNDWATER  
SAMPLE LOCATIONS  
FORMER COAST GUARD STATION  
MILWAUKEE, WISCONSIN

**MSA**  
TRANSPORTATION • MUNICIPAL • REMEDIATION  
DEVELOPMENT • ENVIRONMENTAL

PROJECT: FORMER COAST GUARD STATION  
DATE: 11/11/03  
SCALE: 1" = 20'

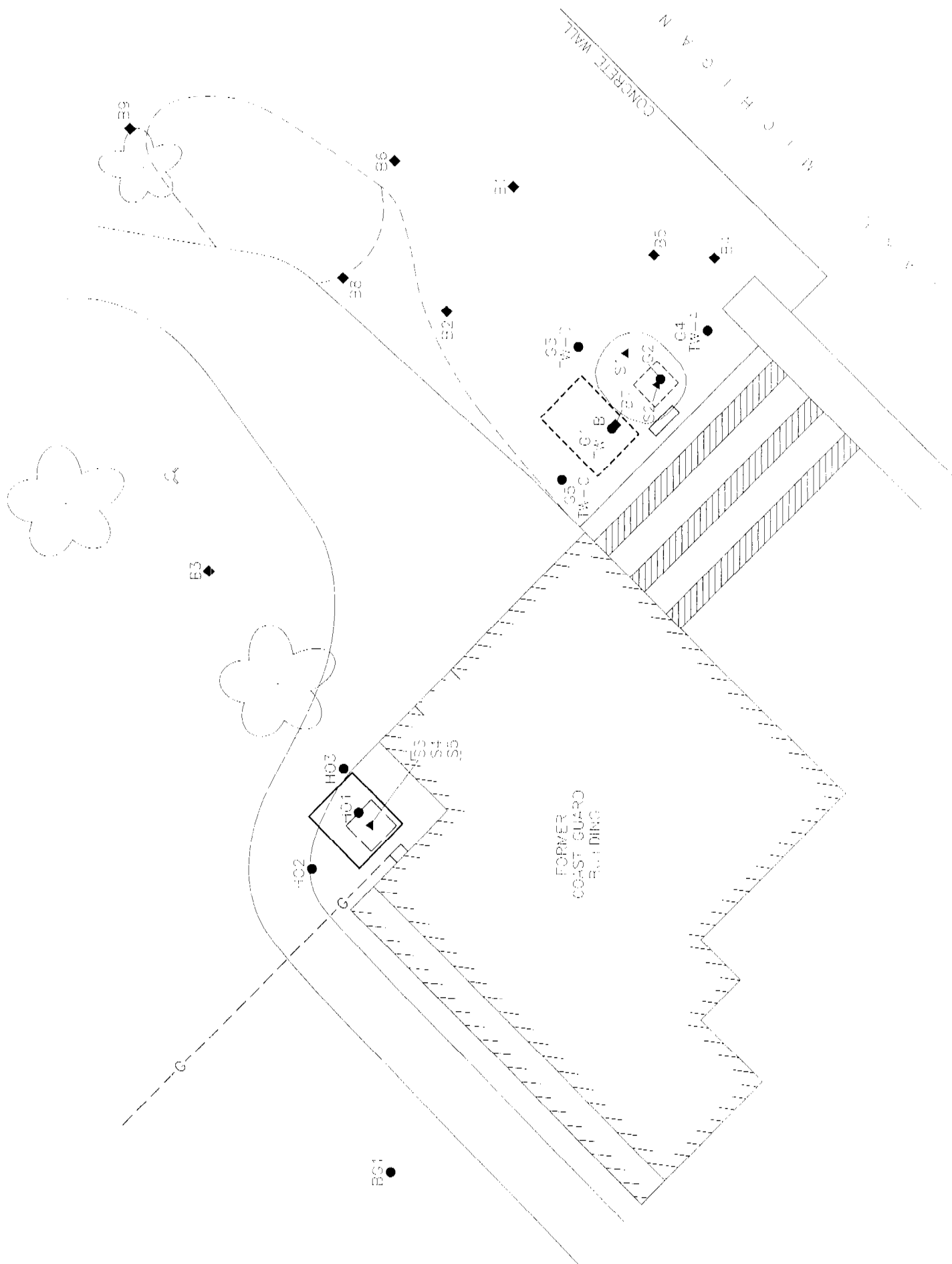






TABLE 1 - PETROLEUM INVESTIGATION SOIL SAMPLE ANALYTICAL RESULTS  
Former Coast Guard Station - Milwaukee, Wisconsin

Car Detection Limits  Soil Screening Values Direct Contact Values Groundwater Protection Criteria	Petroleum Volatile Organic Compounds (mg/kg)										Semi-Volatile Organic Compounds (mg/kg)										Lead (mg/kg)							
	OVMI ppm	GRO	Benzene	Toluene	Benzene	Xylenes	MTBE	1,2,4 TMB	1,3,5 TMB	DRO	Anthracene	Acridene	Benzofluoranthene	Fluoranthene	Benzo[a]anthracene	Chrysene	Benzo[b]fluoranthene	Benz[a]pyrene	Benz[e]pyrene	Indeno[1,2,3-cd]pyrene		Fluorene	Phenanthrene	Naphthalene	2-Methyl-Naphthalene	Naphthalene	Phenanthrene	Pyrene
1.0	0.025	8.5	38	0.025	0.025	0.035	0.025	0.035	0.035	5.0	0.012	0.002	0.007	0.007	0.001	0.007	8.8	0.0088	1.8	0.003	0.003	0.03	0.008	600	600	600	600	600
100	0.0255	1.1	1.5	2.9	4.1	4.1	4.1	83	11	100	3000	17	360	870	48	6800	37	38	500	500	100	100	600	600	600	600	600	600
HO-1	0.2'	0	0	0.034	0.031	0.080	--	0.032	0.029	25	--	<0.013	0.117	0.023	<0.029	0.096	0.285	0.042	0.103	--	--	--	--	--	--	--	0.04	<0.090
HO-2	0.2'	0	0	--	--	--	--	--	--	3.2	0.012	0.026	<0.021	0.013	0.040	<0.067	0.017	0.049	--	--	--	--	--	--	--	--	0.029	<0.095
HO-3	0.2'	0	0	0.077	--	0.051	--	--	--	36	<0.023	0.396	4.63	1.03	<0.325	1.46	8.17	0.559	5.22	7.24	<0.496	<2.99	<5.2	1.73	40.6	--	--	
BO-1	0.2'	0	0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.043	--
G-1	0.2'	0	21	0.091	0.301	0.151	0.775	--	0.160	--	<0.023	0.396	4.63	1.03	<0.325	1.46	8.17	0.559	5.22	7.24	<0.496	<2.99	<5.2	1.73	40.6	--	--	
G-2	0.2'	0	7.6	0.042	0.139	0.02	0.232	--	0.082	0.030	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-3	0.2'	0	1.4	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-4	0.2'	0	6.0	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-5	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-6	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-7	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-8	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-9	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-10	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-11	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-12	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-13	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-14	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-15	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-16	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-17	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-18	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-19	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-20	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-21	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-22	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-23	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-24	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-25	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-26	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-27	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-28	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-29	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-30	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-31	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-32	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-33	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-34	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-35	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-36	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-37	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-38	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-39	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087	--	0.034	0.0073	0.016	0.0056	0.076	--	--	--	--	--	--	--	0.043	--
G-40	0.2'	0	--	--	--	--	--	--	--	--	0.0025	0.0067	0.0087															

**Table 3 - SOIL METALS RESULTS**  
**Former Coast Guard Station - Milwaukee, Wisconsin**  
**Sampled by Milwaukee County - July 2002**

Boring ID	Depth (ft)	Lead		Mercury		Arsenic		Barium	
		Soil mg/Kg	TCLP mg/L	Soil mg/Kg	TCLP mg/L	Soil mg/Kg	TCLP mg/L	Soil mg/Kg	TCLP mg/L
B1-1	1.0	218							
B1-2	3.5	247							
B2-1	1.0	272							
B2-2	3.5	15.1							
B3-1	1.0	42.5							
B3-2	3.5	14.4							
B4-1	1.0	440							
B5-1	2.5	672		1.15		<2.19		257	
B6-1	1.0	490							
B6-2	3.0	195		0.0871		<2.20		64.4	
B7-1	3.0	226		0.588		<2.25		107	
B8-1	1.0	2980	4.74	0.421	<0.0002	<2.20	<0.050	265	1.52
B8-2	3.5	657							
B9-1	1.0	315							
B9-2	2.5	1040							
NR720 RCL		50				0.039			
TCLP Table I Value			5.0		0.2		5.0		100

Boring ID	Depth (ft)	Cadmium		Chromium		Selenium		Silver	
		Soil mg/Kg	TCLP mg/L	Soil mg/Kg	TCLP mg/L	Soil mg/Kg	TCLP mg/L	Soil mg/Kg	TCLP mg/L
B1-1	1.0								
B1-2	3.5								
B2-1	1.0								
B2-2	3.5								
B3-1	1.0								
B3-2	3.5								
B4-1	1.0								
B5-1	2.5	<0.548		64.1		<2.74		<2.74	
B6-1	1.0								
B6-2	3.0	<0.549		12.6		<2.74		<2.74	
B7-1	3.0	<0.562		16		<2.81		<2.81	
B8-1	1.0	<0.549	0.015	19.4	<0.100	<2.75	<0.050	<2.75	<0.050
B8-2	3.5								
B9-1	1.0								
B9-2	2.5								
NR720 RCL		8.0		16000					
TCLP Table I Value			1.0		5.0		1.0		5.0

mg/Kg – milligrams per kilogram, ppm

mg/L – milligrams per liter, ppm

TCLP – toxicity characteristic leaching procedure

TCLP Table I Values from NR605.08(5)



LEGEND



GEOPROBE BOREHOLE (9)



TW-A  
(589.61)



TW-B  
(589.75)  
TANK REMOVAL  
SOIL SAMPLE  
MAY 2001



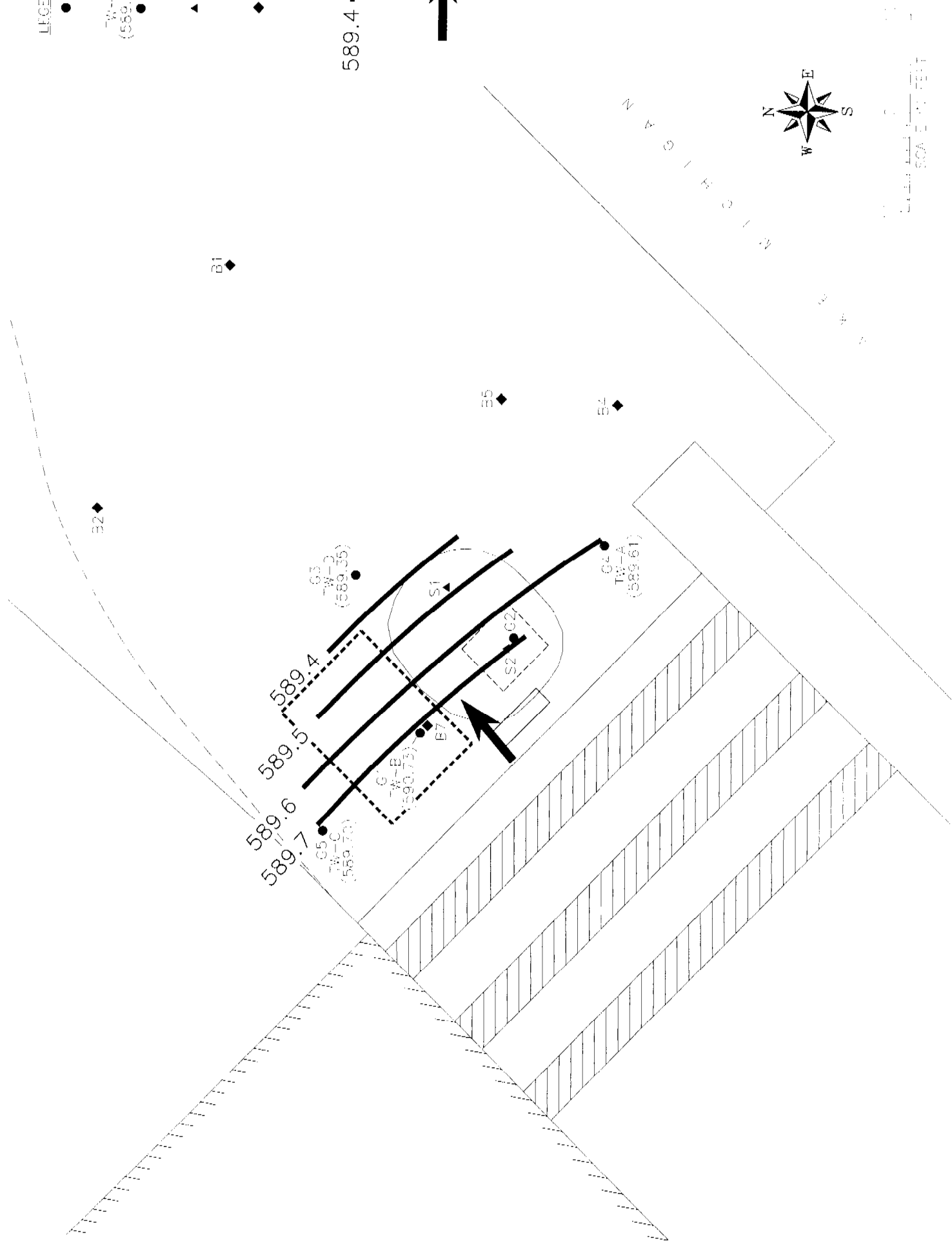
HAND AUGER BOREHOLE  
PERFORMED BY  
MILWAUKEE COUNTY STAFF  
IN 2002



GROUNDWATER ELEVATION  
CONTOUR AND ELEVATION  
IN MAY 2001



GROUNDWATER FLOW  
DIRECTION IN MAY 2001



NOTES:

1. TANK AND EXCAVATION LOCATIONS SUPPLIED BY ACPHERN ENVIRONMENTAL. GASOLINE TANK LOCATION LATER DISCOVERED TO BE INACCURATE, AND HAS BEEN MAPPED AT ACTUAL LOCATION.
2. FOR ADDITIONAL NOTES AND LEGEND, REFER TO FIGURE 2.

FIGURE 4

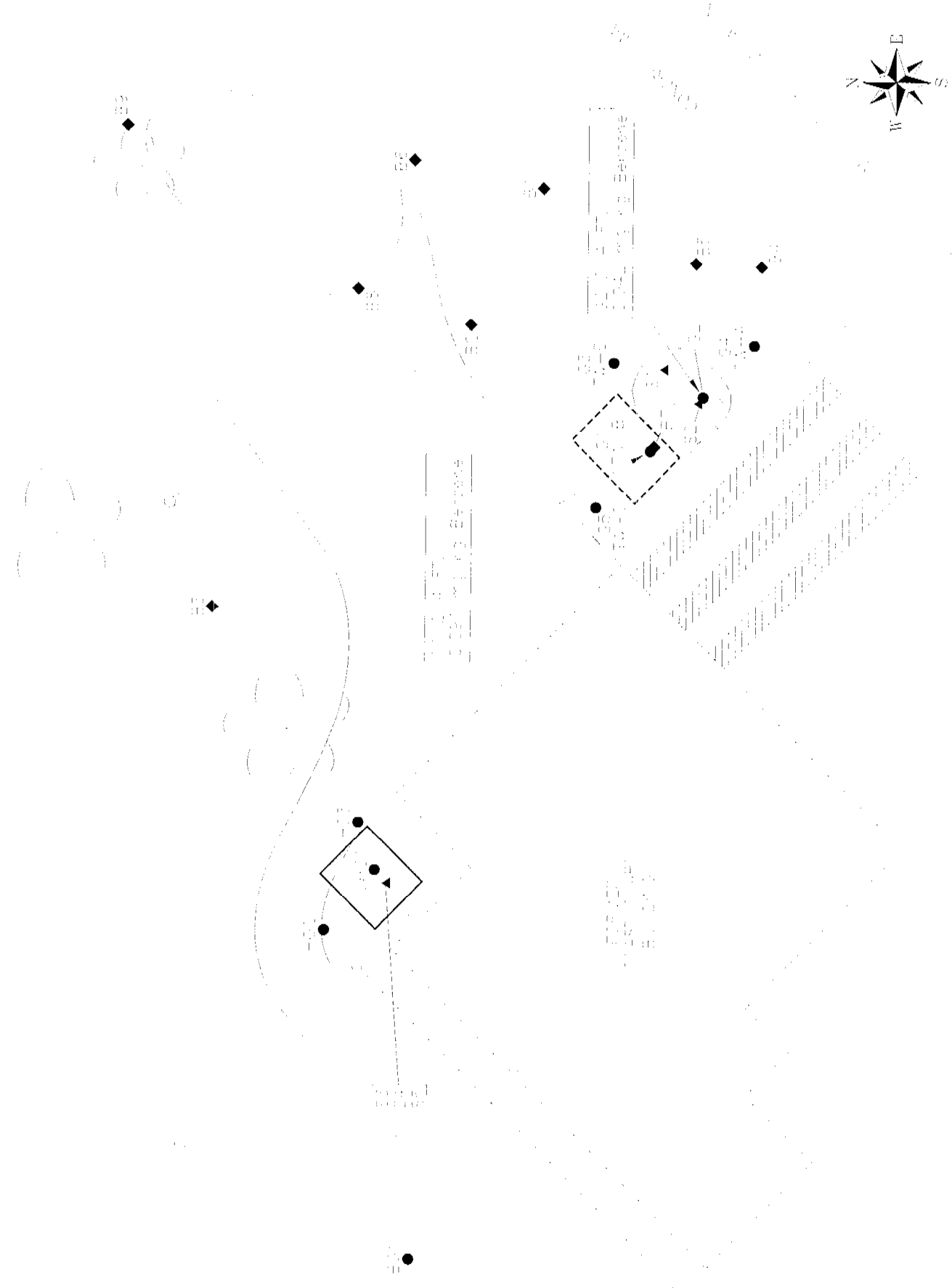
WATER TABLE CONTOURS  
MAY 2001

FORER COAST GUARD STATION  
MILWAUKEE, WISCONSIN

**MSA**  
TRANSPORTATION • MUNICIPAL • REMEDIATION  
DEVELOPMENT • ENVIRONMENTAL

PROJECT NO. 100-1000  
SHEET NO. 100-1000  
DATE 10/10/00  
BY J. J. J.

Location	Depth (ft)	Concentration (ppm)	Notes
10-1	0.5	100	
10-2	1.0	150	
10-3	1.5	200	
10-4	2.0	250	
10-5	2.5	300	
10-6	3.0	350	
10-7	3.5	400	
10-8	4.0	450	
10-9	4.5	500	
10-10	5.0	550	
10-11	5.5	600	
10-12	6.0	650	
10-13	6.5	700	
10-14	7.0	750	
10-15	7.5	800	
10-16	8.0	850	
10-17	8.5	900	
10-18	9.0	950	
10-19	9.5	1000	
10-20	10.0	1050	
10-21	10.5	1100	
10-22	11.0	1150	
10-23	11.5	1200	
10-24	12.0	1250	
10-25	12.5	1300	
10-26	13.0	1350	
10-27	13.5	1400	
10-28	14.0	1450	
10-29	14.5	1500	
10-30	15.0	1550	
10-31	15.5	1600	
10-32	16.0	1650	
10-33	16.5	1700	
10-34	17.0	1750	
10-35	17.5	1800	
10-36	18.0	1850	
10-37	18.5	1900	
10-38	19.0	1950	
10-39	19.5	2000	
10-40	20.0	2050	
10-41	20.5	2100	
10-42	21.0	2150	
10-43	21.5	2200	
10-44	22.0	2250	
10-45	22.5	2300	
10-46	23.0	2350	
10-47	23.5	2400	
10-48	24.0	2450	
10-49	24.5	2500	
10-50	25.0	2550	
10-51	25.5	2600	
10-52	26.0	2650	
10-53	26.5	2700	
10-54	27.0	2750	
10-55	27.5	2800	
10-56	28.0	2850	
10-57	28.5	2900	
10-58	29.0	2950	
10-59	29.5	3000	
10-60	30.0	3050	
10-61	30.5	3100	
10-62	31.0	3150	
10-63	31.5	3200	
10-64	32.0	3250	
10-65	32.5	3300	
10-66	33.0	3350	
10-67	33.5	3400	
10-68	34.0	3450	
10-69	34.5	3500	
10-70	35.0	3550	
10-71	35.5	3600	
10-72	36.0	3650	
10-73	36.5	3700	
10-74	37.0	3750	
10-75	37.5	3800	
10-76	38.0	3850	
10-77	38.5	3900	
10-78	39.0	3950	
10-79	39.5	4000	
10-80	40.0	4050	
10-81	40.5	4100	
10-82	41.0	4150	
10-83	41.5	4200	
10-84	42.0	4250	
10-85	42.5	4300	
10-86	43.0	4350	
10-87	43.5	4400	
10-88	44.0	4450	
10-89	44.5	4500	
10-90	45.0	4550	
10-91	45.5	4600	
10-92	46.0	4650	
10-93	46.5	4700	
10-94	47.0	4750	
10-95	47.5	4800	
10-96	48.0	4850	
10-97	48.5	4900	
10-98	49.0	4950	
10-99	49.5	5000	
10-100	50.0	5050	



LEGEND

- GEOPROBE BORING (9)  
(JUNE 2000)
- TW-A TEMPORARY GROUNDWATER  
MONITORING WELL (4)  
(JULY 1998)
- ▲ TANK REMOVAL  
SOIL SAMPLE
- ◆ HAND AUGER BORINGS  
PERFORMED BY  
MILWAUKEE COUNTY STAFF  
IN JULY 2002

- NOTES: 1. TANK AND EXCAVATION  
LOCATIONS SUPPLIED BY  
NORTHERN ENVIRONMENTAL.  
GASOLINE UST TANK LOCATION  
LATER DISCOVERED TO BE  
INACCURATE, AND HAS BEEN  
MAPPED AT ACTUAL LOCATION.
2. FOR ADDITIONAL NOTES AND  
LEGEND, REFER TO FIGURE 2.

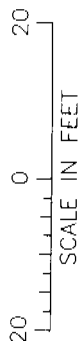
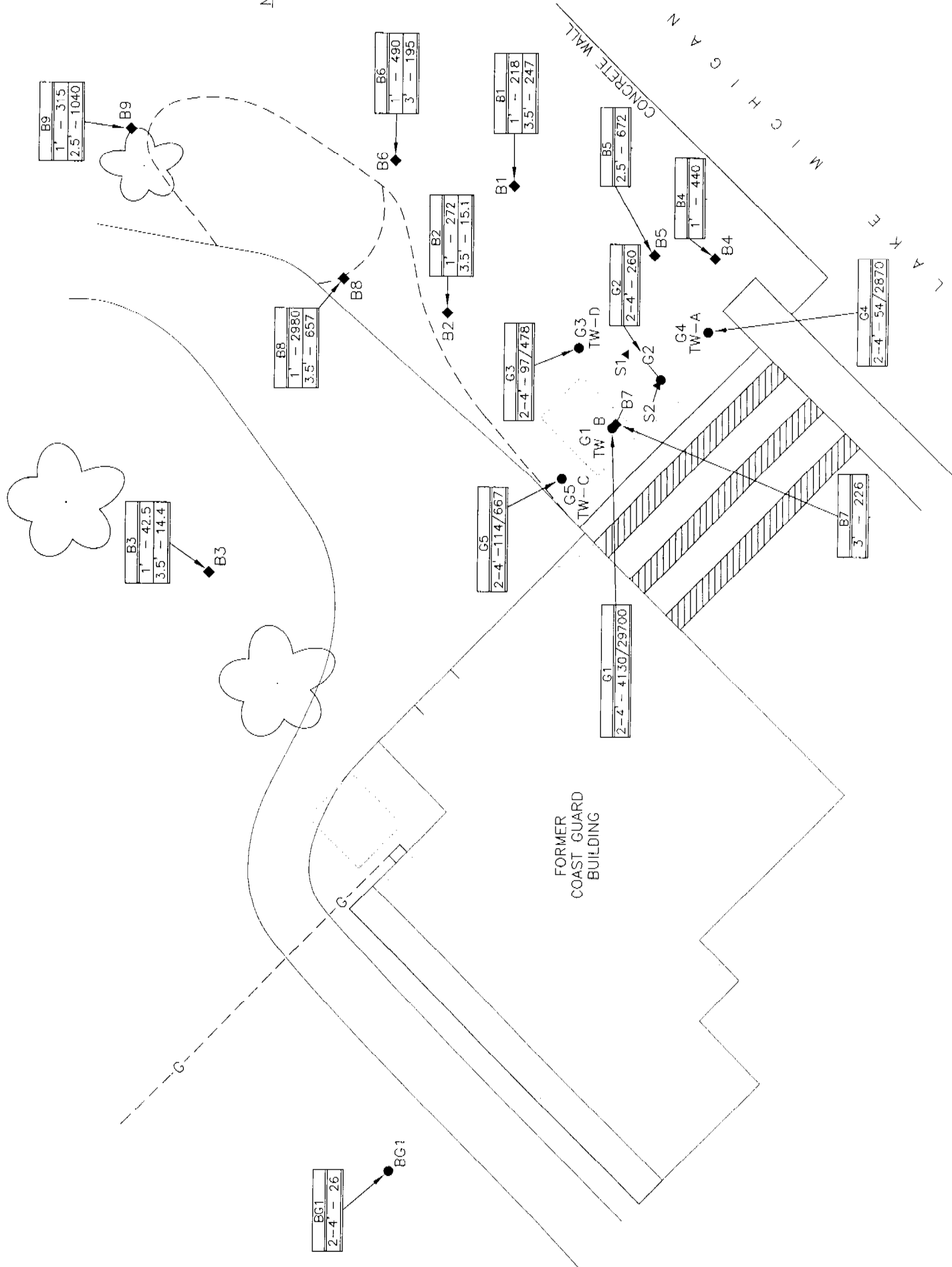


FIGURE 7

SOIL LEAD  
CONCENTRATIONS  
FORMER COAST GUARD STATION  
MILWAUKEE, WISCONSIN

**MSA**  
TRANSPORTATION • MUNICIPAL • REMEDIATION  
DEVELOPMENT • ENVIRONMENTAL  
1330 South Boulevard, Suite 530  
Milwaukee, WI 53213  
Phone: 414-381-1300 Fax: 414-381-1301

DRAWN BY: RHM DATE: 3-13-03 SHEET: 1 OF 1  
CHECKED BY: SCALE AS NOTED FILE NO: EV007

212842AG



DEPARTMENT OF PUBLIC WORKS

# Milwaukee County

DAVID A. NOVAK, P.E. • DIRECTOR  
• HIGHWAY COMMISSIONER

MAR 26 2003

December 18, 2002

Ms. Linda Michalets  
WI Dept. of Commerce  
101 W. Pleasant St. #100A  
Milwaukee, WI 53212-3963

**RECEIVED**

APR 08 2003  
PECFA SITE REVIEW  
MILWAUKEE OFFICE

Re: Legal Description - Former Coast Guard Station  
**Commerce # 53202-9999-50**  
**FID: 241132980      BRRTS: 03-41-198284**

Dear Ms. Michalets:

I believe that the legal description, as described in the attached deed document, is complete and accurately reflects the correct contaminated property.

If you have any questions or need additional information, please call me at (414) 278-4891.

Sincerely,

A handwritten signature in cursive script that reads "Laura Johnson".

Laura Johnson, EIT  
Project Manager

o:\wpdoc\env\lamuth\cguard\legal description.doc